



VicinION

With a 24V DC power connection, small size and no dead ends, the VicinION anti static bar is ideally suited for compact machines and processes.

Many small office machines, flat bed printers, digital printers and packaging machines have very restricted space for anti-static bars and need anti-static bars to be mounted close to the surface.

The VicinION operates on a unique, patented, concept of high frequency, steady state high voltage to the emitters pins. This provides a very effective way of neutralizing static electricity, even at close distance.

Features

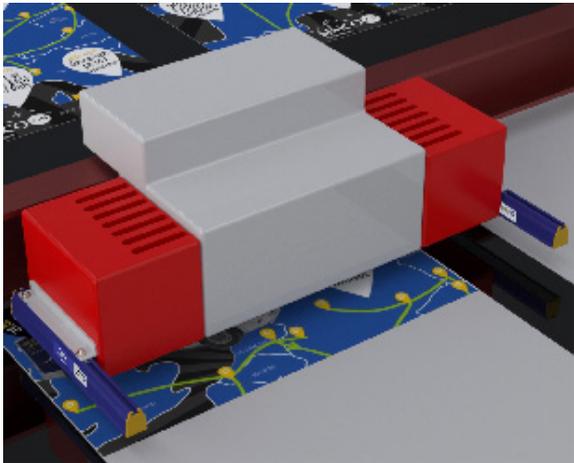
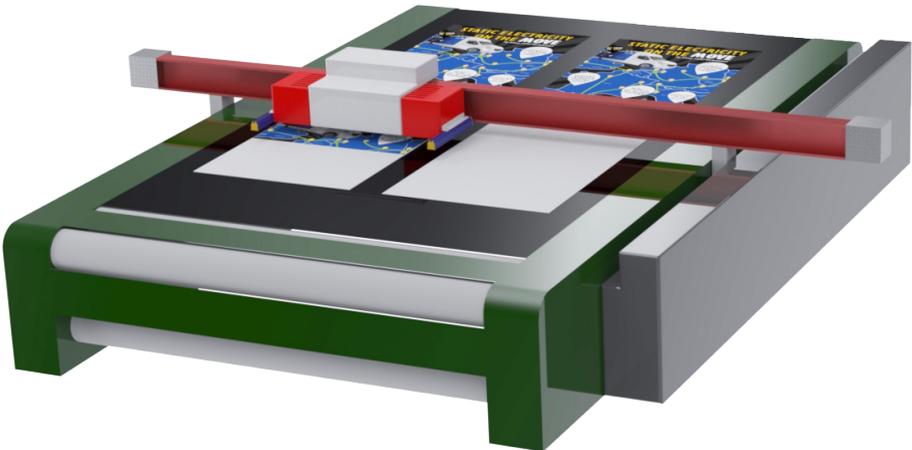
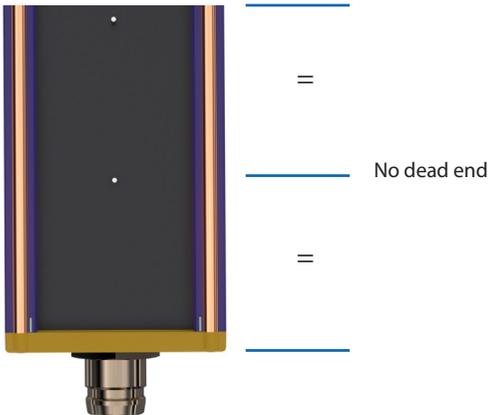
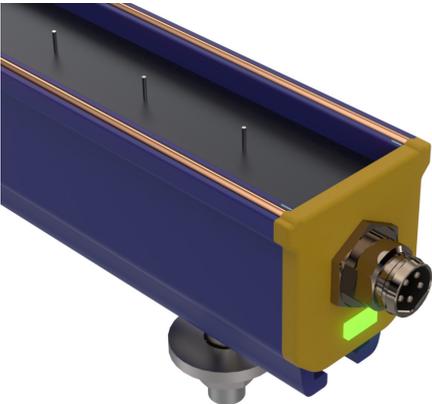
- ⊕ The VicinION operates most efficiently at 5 – 75 mm distance to the material to be neutralised.
- ⊕ The emitters pins are positioned close to one another providing an evenly distributed ionisation.
- ⊕ Mounting of the VicinION is backwards compatible with small sized Simco AC anti static bars and is accomplished with M4 sliding bolts.
- ⊕ The VicinION has a patented auto-balancing ionization, making it suitable for critical applications that need neutralization below 100 V.
- ⊕ The smallest length of the VicinION is 224 mm effective length (casing length 263 mm). It is available in increments of 17,5 mm , up to 1000 mm
- ⊕ Ionisation emitters are made of durable Thungsten and are special shaped for maximum efficiency and long lifetime.
- ⊕ 24V DC power is connected to the VicinION with a 5 pole M8 connector.
- ⊕ The connector also provides 2 pins for a monitoring control signal and remote on/off signal.
- ⊕ A multicolor LED gives status information about the operating condition of the VicinION.



Technical specifications

Working distance	5 - 75 mm
Ion balance	<+/- 50V
Housing material	ABS
Ground reference bar	Copper
Emitter pins	Special alloy
Connector	Standard M8 / 5 pins
Weight	1,25 kg/m
Ambient temperature	0 - 55 °C
Use circumstances	Industrial
Protection classification	IP66
Suitable power unit	Integrated, 24V DC voltage input
Indication	High bright LED green/red/orange
I/O Signals	HV - OK
Options	Stand alone operation Desktop power supply (100-240V/24V) Din rail power supply (100-240V/24V)

The construction of the VicinION is fully potted making it IP66 and suitable for environments that call for frequent (wet) cleaning.



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